



Rec'd PCT/PTO 08 OCT 2004
Q303/16310938
10/510938
#2
INVESTOR IN PEOPLE

PRIORITY DOCUMENT

SUBMITTED OR TRANSMITTED IN
COMPLIANCE WITH RULE 17.1(a) OR (b)

The Patent Office
Concept House
Cardiff Road
Newport
South Wales
NP10 3EQ

22 JUL 2003

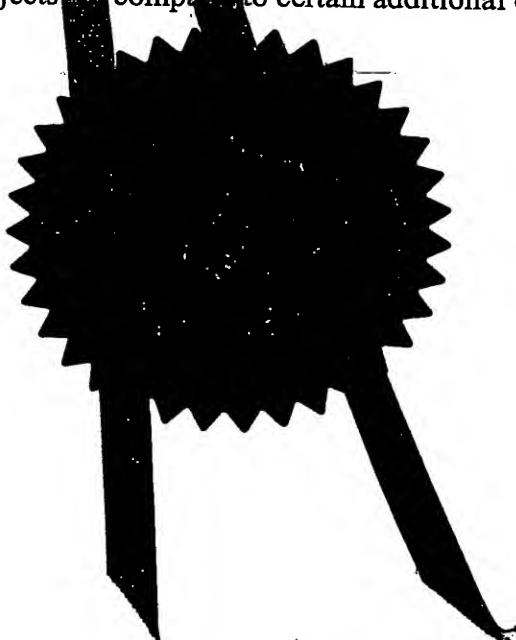
WIPO PCT

I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

In accordance with the rules, the words "public limited company" may be replaced by p.l.c., plc, P.L.C. or PLC.

Re-registration under the Companies Act does not constitute a new legal entity but merely subjects the company to certain additional company law rules.



Signed

Deans.

Dated 13 May 2003

Patent Act 1977
(Rule 16)15APR02 E710752-1 02949
P01/7700 0100-020888.7

THE PATENT OFFICE

Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

The Patent Office

 Cardiff Road
Newport
South Wales
NP10 8QQ

1. Your reference

2. Patent application number

(The Patent Office will fill in this part)

0208488.7

12 APR 2002

3. Full name, address and postcode of the or of
each applicant (underline all surnames)

TIMOTHY RICHARD PARRY DAVIES

80 Richmond Way W14 0AR
London

Patents ADP number (if you know it)

2836 2444000

If the applicant is a corporate body, give the
country/state of its incorporation

4. Title of the invention

FRAMING SYSTEM

5. Name of your agent (if you have one)

NA

"Address for service" in the United Kingdom
to which all correspondence should be sent
(including the postcode)

Patents ADP number (if you know it)

6. If you are declaring priority from one or more
earlier patent applications, give the country
and the date of filing of the or of each of these
earlier applications and (if you know it) the or
each application number

Country

Priority application number
(if you know it)Date of filing
(day / month / year)

NA

7. If this application is divided or otherwise
derived from an earlier UK application,
give the number and the filing date of
the earlier application

Number of earlier application

Date of filing
(day / month / year)

8. Is a statement of inventorship and of right
to grant of a patent required in support of
this request? (Answer 'Yes' if:
 a) any applicant named in part 3 is not an inventor, or
 b) there is an inventor who is not named as an
applicant, or
 c) any named applicant is a corporate body.
See note (d)

No

Patents Form 1/77

9. Enter the number of sheets for any of the following items you are filing with this form. Do not count copies of the same document

Continuation sheets of this form

Description

Claim(s)

Abstract

Drawing(s)

1
0
1 + 3
3 + 1 (notes)

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for preliminary examination and search (Patents Form 9/77)

Request for substantive examination
(Patents Form 10/77)

Any other documents
(please specify)

1 page of notes entitled
drawings

I/We request the grant of a patent on the basis of this application.

Signature

Date

TRPamyDamer

12.4.2002

02076027560

12. Name and daytime telephone number of person to contact in the United Kingdom

Warning

After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

Notes

- If you need help to fill in this form or you have any questions, please contact the Patent Office on 08459 500505.
- Write your answers in capital letters using black ink or you may type them.
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- If you have answered 'Yes' Patents Form 7/77 will need to be filed.

Once you have filled in the form you must remember to sign and date it.

For details of the fee and ways to pay please contact the Patent Office

FRAMING SYSTEM

The invention is an alternative support system to a conventional frame for display, usually described as a "picture frame"; it solves the functional requirements of providing a hanging point and structural support of the normally rectangular display screen, and also provides a means of holding the displayed material in place behind the screen with minimal means.

The system has the advantage that drilling or gluing are not necessary so it can be described as "demountable" and is thus suitable for self-assembly and "flat-packing". In addition displayed material can be exchanged without need for disassembly.

By reducing the frame to a harness which engages the corners of the display screen, the appearance is comparable to the known "clip-frame". As this frame uses diagonal tensioning between corners to hold the display screen, a backing board (which has a structural function in clip-frames) is no longer required. A backing sheet may be used for protection or decorative reasons. The twisting of the straps to create tension also applies pressure to the back of the displayed material holding it in place against the screen. Importantly, it also gives space for a wall pin to engage with the central hanging hole so that the ensemble hangs parallel to the wall from its centre of gravity.

The system is easily adapted to make a table-top version: an "L" shaped strut is provided which is attached at the bottom end by means of a sucker to the margin of the display screen, while the upper end locates in the hanging hole (or sits in the cleft under the two straps). In the preferred version the strut is made from plastic tubing with a corrugated joint. A drinking-straw, trimmed as necessary, is suitable for this purpose and can be tightly fitted to the sucker by wetting. The sucker used has a nipple which helps to secure the connection, and glue may also be applied. A "V" cut in the top of the tube enables it to rest in the hanging hole without penetrating further but other cuts such as a vertical slot in the tube work well as the tube can then be squeezed into place.

Polypropylene is considered the most suitable material for the straps and twisting by 720 degrees is preferred though 360 is also possible. Ideally the straps should be twisted in opposite directions to achieve visual symmetry as shown in the drawings, though this is not a functional requirement. Glass is not considered to be appropriate for the display screen for safety reasons (unless safety glass), so "perspex" or similar is preferred.

Proposed safety enhancements are in the form of hemispherical beads at the corners of the display screen to help stop the straps from being accidentally pushed off. (These could be spheres located ie adhered, within a hemispherical socket.) Also the straps can be inconspicuously glued to the thin edges of the display screen as an extra precaution. Further attachments could be added to the corners to act as buffers in case of accident. A version for mounting on glazed or shiny surfaces is achieved by suckers being located in extra holes in the straps or a larger sucker in the central hanging hole. A lighter weight version is proposed for use on fridge doors due to the dynamic loads in this instance. The standard version may have the extra holes to meet this possibility. The system is designed to accommodate decorative margin strips, held in place as the displayed material itself is, by twists in the straps, or equally to be adapted to a "sandwich" form where the displayed material is protected by a backing sheet or board (which may also be transparent and need not be as big as the display screen or have rectangular edges.) It is clear that the system achieves minimal functionality with only one diagonal tensioned strap but this is not the preferred version. (It was also assumed that generating tension by means of springs or elasticated elements would not be safe).

ABSTRACT

A FRAMING SYSTEM FOR DISPLAY PURPOSES

A framing system which comprises of a display screen held by a tensioned harness, normally using two diagonal straps with holes at both ends and a central one for hanging the the ensemble. This is also used to take the upper end of an "L" strut, the lower end of which is attached to the lower margin of the display screen by means of a sucker. The system also adapts for use on shiny vertical surfaces such as glass and fridge doors by means of extra suckers as necessary in extra holes in the tension straps. The system is "open" and suitable for self -assembly.

DRAWINGS

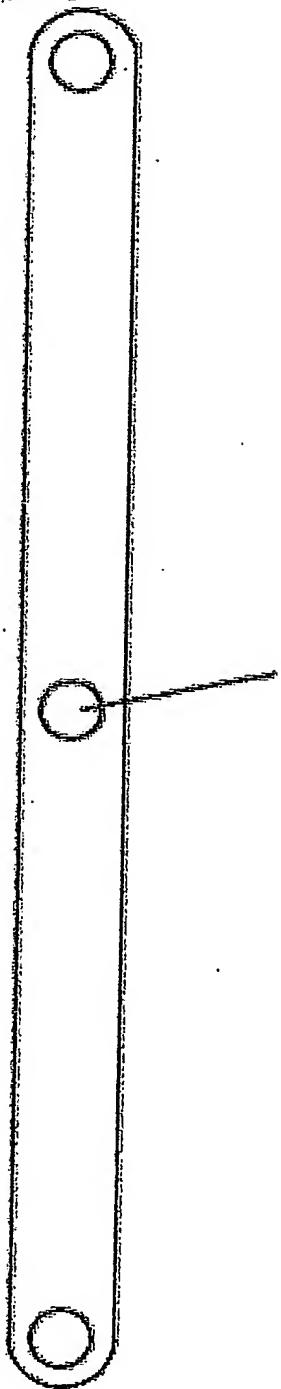
FIGURE 1 shows a strap before being deployed.

FIGURE 1B shows a strap with optional extra holes to accommodate suckers for attachment to shiny surfaces.

FIGURE 2 shows the standard configuration for wall mounting.

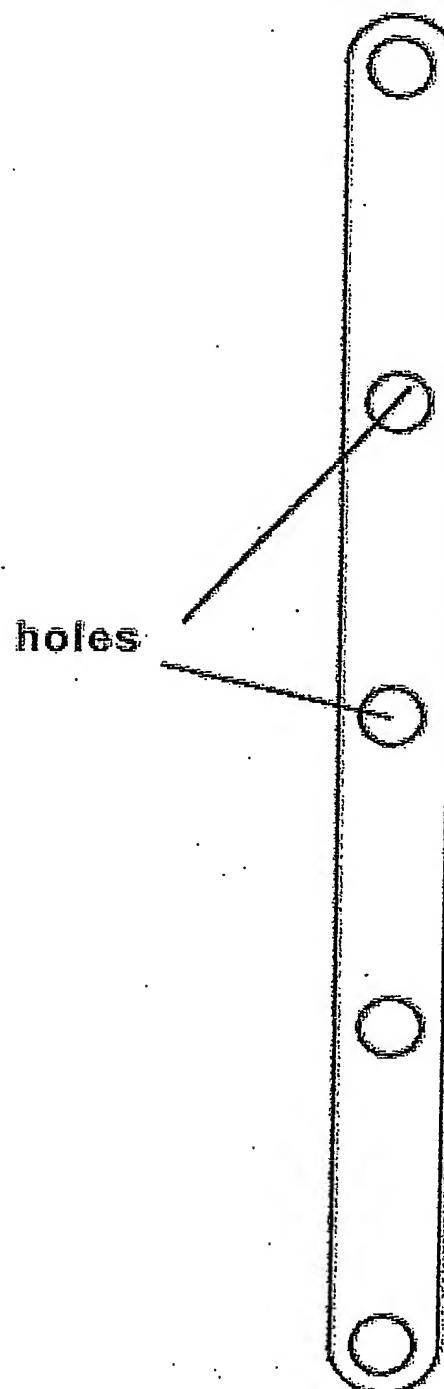
FIGURE 3 shows the configuration for table top use.

FIG 1



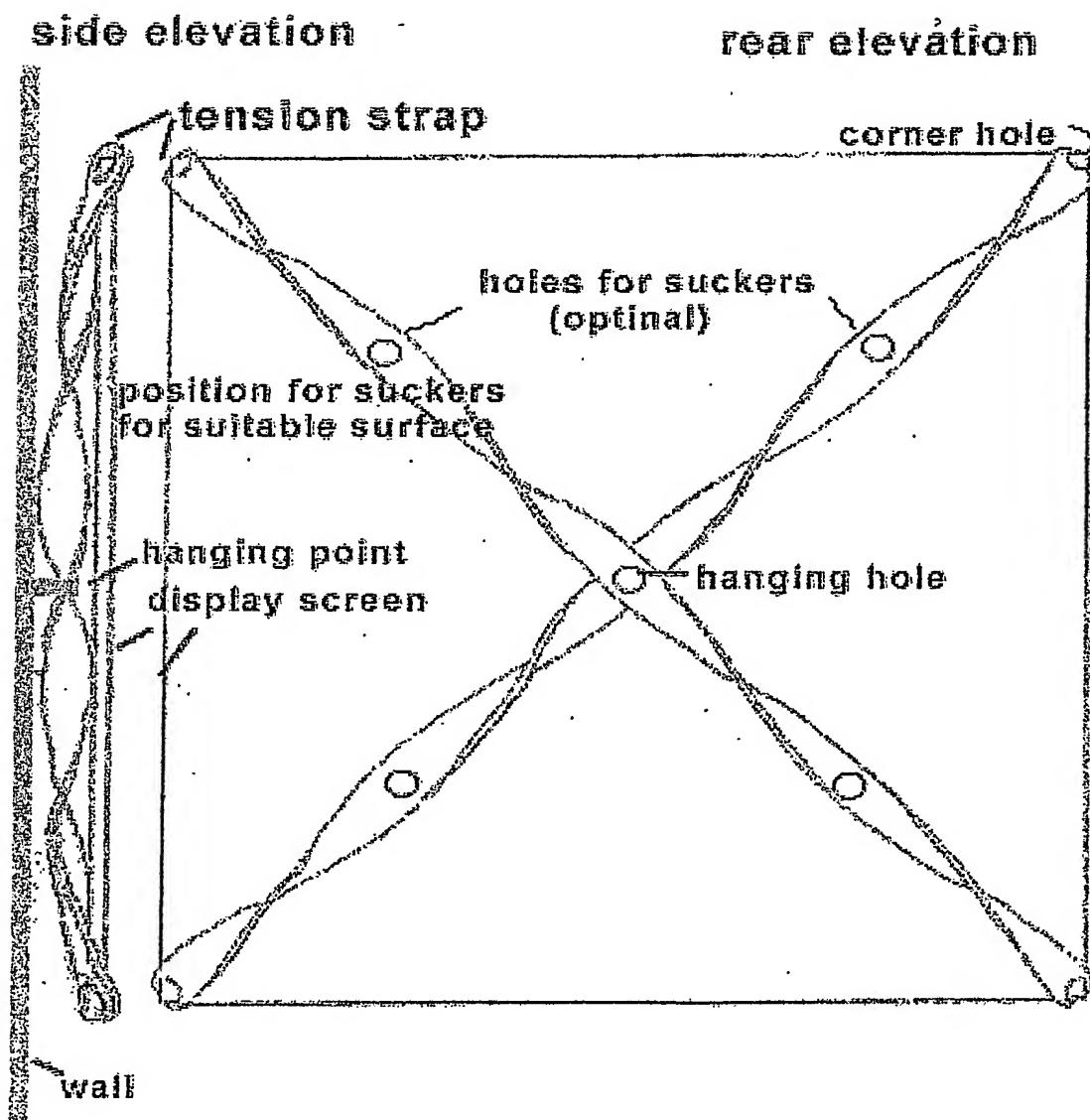
normal strap

FIG 1B

strap with extra holes
for suckers

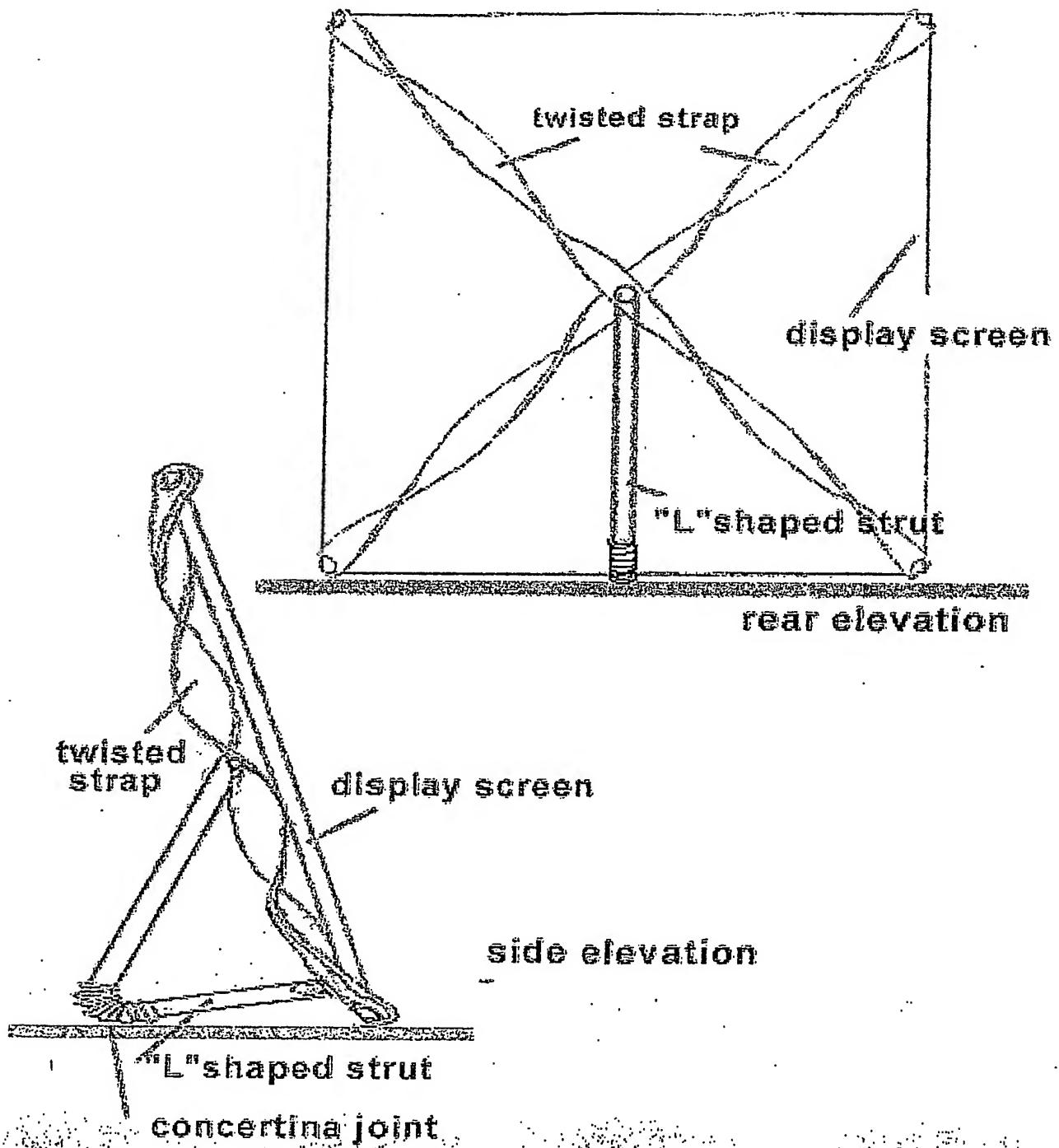
2/3

FIG 2



3/3

FIG 3



BEST AVAILABLE COPY